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3 CLASS SPECIFIC CLASSIFIER

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5 ABSTRACT OF THE DISCLOSURE

6 A modularized classifier is provided which includes a
7 plurality of class specific modules. Each module has a feature
8 calculation section, and a correction section. The modules can
9 be arranged in chains of modules where each chain is associated
10 with a class. The first module in the chain receives raw input
11 data and subsequent modules act on the features provided by the
12 previous module. The correction section acts on the previously
13 computed correction. Each chain is terminated by a probability
14 density function evaluation module. The output of the evaluation
15 module is combined with the correction value of the last module
16 in the chain. This combined output is provided to a compare
17 module that indicates the class of the raw input data.